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ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT

TEKNOL AQUA 1410-01

Product type(s)

PT08: Wood preservatives

Authorisation number: BPR-reg. nr. 417-5

R4BP asset number: DK-0001802-0000

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1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the product

Trade name(s)	TEKNOL AQUA 1410-01 Colourless
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1.2. Authorisation holder

Name and address of the authorisation holder	Name	Teknos A/S
	Address	Industrivej 19 6580 Vamdrup Denmark
Authorisation number		BPR-reg. nr. 417-5
<i>R4BP asset number</i>		DK-0001802-0000
Date of the authorisation		09/10/2012
Expiry date of the authorisation		30/04/2026

1.3. Manufacturer(s) of the product

Name of manufacturer	Teknos A/S
Address of manufacturer	Industrivej 19 6580 Vamdrup Denmark
Location of manufacturing sites	Industrivej 19 6580 Vamdrup Denmark Perämatkuntie 12, PL 14 05201 RAJAMÄKI Finland

1.4. Manufacturer(s) of the active substance(s)

Active substance	3-iodo-2-propynylbutylcarbamate (IPBC)
Name of manufacturer	Troy Corporation
Address of manufacturer	8 Vreeland Road, Florham Park 07932 New Jersey United States (the)
Location of manufacturing sites	One Avenue L, Newark 07105 New Jersey United States (the)

Active substance	3-iodo-2-propynylbutylcarbamate (IPBC)
Name of manufacturer	Troy Chemical Europe BV
Address of manufacturer	Uiverlaan 12E 3145 XN Maassluis Netherlands (the)
Location of manufacturing sites	Industriepark 23 D-56593 Horhausen Germany

Active substance	1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
Name of manufacturer	Janssen Pharmaceutica NV
Address of manufacturer	Turnhoutseweg 30 B-2340 Beerse Belgium
Location of manufacturing sites	Jiangsu SevenContinent Green Chemical Co. Ltd North Area of Dongsha Chem-Zone Zhangjagang China

Active substance	1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)
Name of manufacturer	Lanxess Deutschland GmbH, Industrial & Environmental Affairs
Address of manufacturer	Lanxess Deutschland GmbH, Industrial & Environmental Affairs, Chempark Q 18 51369 Leverkusen Germany
Location of manufacturing sites	Route de L'Ile au Bois 1870 Monthey Switzerland

2. PRODUCT COMPOSITION AND FORMULATION

2.1. Qualitative and quantitative information on the composition of the product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
3-iodo-2-propynylbutylcarbamate (IPBC)		active substance	55406-53-6	259-627-5	0,3
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (Propiconazole)		active substance	60207-90-1	262-104-4	0,9

2.2. Type(s) of formulation

EW Emulsion, oil in water

3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H412: Harmful to aquatic life with long lasting effects. H360D: May damage the unborn child. EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.
Precautionary statements	P273: Avoid release to the environment. P501: Dispose of contents to waste facility in accordance with all local, regional, national and international regulations. P501: Dispose of container to waste facility in accordance with all local, regional, national and international regulations. P201: Obtain special instructions before use. P280: Wear protective gloves/protective clothing/eye protection/face protection. P308+P313: IF exposed or concerned: Get medical attention. P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children.

4. AUTHORISED USE(S)

4.1. Use description

Table 1. Wood preservative

Product type	PT08: Wood preservatives
Where relevant, an exact description of the authorised use	TEKNOL AQUA 1410-01 is a ready-to-use wood preservative for preventive use against wood discolouring fungi such as blue stain, moulds and sap-stain, and wood rotting fungi.
Target organism(s) (including development stage)	<p>Scientific name: Basidiomycetes: Basidiomycetes: Common name: wood rotting fungi Development stage: hyphae</p> <p>Scientific name: Aureobasidium pullulans spp. Common name: blue stain fungi Development stage: spores and spore producing structures</p> <p>Scientific name: Sydowia pithyophilia Common name: blue stain fungi Development stage: spores and spore producing structures</p>
Field(s) of use	<p>indoor use outdoor use Other</p> <p>IV.1 Indoor use IV.1.2 use class 2 IV.2 Outdoor use IV.2.2 use class 3</p>
Application method(s)	<p>Method: Brush treatment or Roller</p> <p>Detailed description: Manual brushing with a brush or rolling with a roller. Method: spraying</p> <p>Detailed description: Hand spraying Spraying is an application method in which the material is finely atomised in various types of application/spraying equipment. The coating facilities can either be equipped with manual spray guns or automatic spray guns, rotation disks or rotation bells. Automatic spraying Automatic spraying is an application method in which the material is finely atomised in various types of automatic application/spraying equipment. The coating facilities will be equipped with automatic spray guns, rotation disks or rotation bells and the spraying process will typically take place in a closed chamber. Method: open system: dip treatment</p> <p>Detailed description: For dipping a number of different types of dipping vessels/dipping plants are used depending on the size of the materials and the type of dipping to be undertaken. The size of the dipping vessel can range from a simple "gutter" or bucket with just a few litre of liquid to huge dipping plants with several thousands litre of liquid. These dipping plants are also available in different models. Method: Fluting (Flow-coat)</p> <p>Detailed description: A flow-coat is an application system designed to treat a wide number of different types of wooden items, either pre-assembled or individual items. A flow-coat works in the following way: The items are transported into the flow-coat using a suspended conveyor system. Inside the cubicle the items</p>

	<p>are showered with wood preservative; the excess liquid runs away and passes through a filter back to the liquid tank. Method: open system: deluging</p> <p>Detailed description: Low pressure deluge with air knife recovery or automated brush recovery.</p>
Application rate(s) and frequency	<p>Application Rate: 80 – 160 g of product per m2</p> <p>Dilution (%): 0</p> <p>Number and timing of application: 1 - 2 applications, duration 3 - 5 minutes. Application Rate: 80 – 160 g of product per m2</p> <p>Dilution (%): 0</p> <p>Number and timing of application: 1 - 2 applications, duration 5 seconds. Application Rate: 80 – 160 g of product per m2</p> <p>Dilution (%): 0</p> <p>Number and timing of application: 1 - 2 applications, duration 12 - 15 seconds. Application Rate: 80 – 160 g of product per m2</p> <p>Dilution (%): 0</p> <p>Number and timing of application: 1 - 2 applications, duration 30 seconds. Application Rate: 80 – 160 g of product per m2</p> <p>Dilution (%): 0</p> <p>Number and timing of application: 1 - 2 applications, duration 3 - 5 minutes.</p>
Category(ies) of users	industrial ; trained professional ; professional
Pack sizes and packaging material	<p>Can /Tin, Metal: , Up to 1000 liter</p> <p>Can /Tin, Plastic: HDPE , Up to 1000 liter</p> <p>Professional Up to 25 Litres</p> <p>Industrial Up to 1000 Litres</p> <p>Empty containers with a cured dried film of the products are considered non-hazardous waste material.</p>

4.1.1. Use-specific instructions for use

Professional Use

The product is for use on timbers not in ground contact, either continually exposed to the weather or protected from the weather but subject to frequent wetting. Treated timber must not be used in external situations where it is in contact with the ground and permanently exposed to wetting, or in permanent contact with fresh or salt water.

Application via manual dipping must be carried out within a contained area and situated on an impermeable surface.

Storage of treated wood must either be undercover with a recovery system in place, or on an impermeable surface.

A top-coat must be applied to treated timber in situations where it would be exposed to weathering. The topcoat should either be applied prior to the use of the treated timber in situations exposed to weathering, or in the case of in situ applications, prior to the weathering events themselves (e.g. rainfall). The top-coat should not contain a triazole fungicide.

Industrial Use

The product is for use on timbers not in ground contact, either continually exposed to the weather or protected from the weather but subject to frequent wetting. Treated timber must not be used in external situations where it is in contact with the ground and permanently exposed to wetting, or in permanent contact with fresh or salt water.

Teknol Aqua 1410-01 must only be used in fully automated dipping processes where all steps in the treatment and drying process are mechanised and no manual handling takes place, including when the treated articles are transported through the dip tank to the draining/drying and storage (if not already surface dry before moving to storage). Where appropriate, the wooden articles to be treated must be fully secured (e.g. via tension belts or clamping devices) prior to treatment and during the dipping process, and must not be manually handled until after the treated articles are surface dry.

Application processes must be carried out within a contained area, situated on impermeable hard standing, with bunding to prevent run-off and a recovery system in place (e.g. sump).

Storage of treated wood must either be undercover with a recovery system in place (e.g. sump) or on impermeable hard standing and bunded to prevent run-off with a recovery system in place (e.g. sump).

A top-coat must be applied to treated timber in situations where it would be exposed to weathering. The topcoat should either be applied prior to the use of the treated timber in situations exposed to weathering, or in the case of 'new build' scenarios or in situ applications of this product, prior to the weathering events themselves (e.g. rainfall). The top-coat should not contain a triazole fungicide.

4.1.2. Use-specific risk mitigation measures

Professional use

The COSHH (Control of Substances Hazardous to Health) Regulations 2002 (as amended) apply to the use of this product at work.

Wear suitable protective clothing (coveralls, gloves, footwear) when applying product and when handling freshly treated timber. Avoid excessive contamination of coveralls. Handle product and dry freshly treated wood in areas with good ventilation.

DO NOT CONTAMINATE FOODSTUFFS, EATING UTENSILS OR FOOD CONTACT SURFACES.

WASH HANDS AND EXPOSED SKIN before meals and after use.

KEEP IN A SAFE PLACE. For in situ use do not contaminate plant life and remove or cover aquariums/fish bowls/ponds before application.

UNPROTECTED PERSONS AND ANIMALS SHOULD BE KEPT AWAY FROM TREATED AREAS FOR 48 HOURS OR UNTIL SURFACES ARE DRY.

COVER ALL WATER STORAGE TANKS before application.

Dangerous to Bats. All bats are protected under the Wildlife and Countryside Act 1981. Before treating any structure used by bats, consult Natural England, Scottish Natural Heritage or the Countryside Council for Wales.

Industrial Use

Guidance on the safe use in accordance with all local, regional, national and international regulations

Wear suitable protective clothing (coveralls, gloves, footwear) when applying the product and when handling freshly treated timber.

Avoid excessive contamination of overalls.

DISPOSE OF SURPLUS CHEMICAL, CONTAMINATED MATERIALS (INCLUDING SAWDUST) AND THE EMPTY CONTAINER SAFELY using a method approved by the WASTE DISPOSAL AUTHORITY.

WASH HANDS AND EXPOSED SKIN before meals and after use.

KEEP IN A SAFE PLACE.

4.1.3. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

3-IODO-2-PROPYNYL-N-BUTYL CARBAMATE is a carbamate compound which has weak anticholinesterase activity.

DO NOT USE if under medical advice not to work with anticholinesterase compounds.

After skin contact: Take off all contaminated clothing and wash skin with plenty of water and soap. Seek medical attention if symptoms occur.

After eye contact: Rinse immediately with plenty of water. Seek medical attention if symptoms occur.

If swallowed: Do not induce vomiting unless expressly instructed by medical personnel.

If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Seek medical attention.

If inhaled: Move the affected person into fresh air. Keep person warm and rest. Provide artificial respiration by a trained person if breathing is irregular or arrested. Seek medical attention if symptoms are severe or long lasting. If unconscious place in recovery position and seek medical attention immediately.

4.1.4. Where specific to the use, the instructions for safe disposal of the product and its packaging

Professional

This material and its container must be disposed of in a safe way.

Do not empty into drains

Do not contaminate ground, waterbodies or watercourses with chemicals or used container.

Industrial

DISPOSE OF SURPLUS CHEMICAL, CONTAMINATED MATERIALS (INCLUDING SAWDUST) AND THE EMPTY CONTAINER SAFELY using a method approved by the WASTE DISPOSAL AUTHORITY.

Do not contaminate ground, waterbodies or watercourses with chemicals or use

4.1.5. Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

Store product in tightly closed original containers.

The maximum shelf life of the product is 18 months.

5. GENERAL DIRECTIONS FOR USE¹

5.1. Instructions for use

See Instructions in Authorised uses

5.2. Risk mitigation measures

See Instructions in Authorised uses

5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See Instructions in Authorised uses

5.4. Instructions for safe disposal of the product and its packaging

See Instructions in Authorised uses

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

See Instructions in Authorised uses

¹Instructions for use, risk mitigation measures and other directions for use under this section are valid for any authorised uses.

6. OTHER INFORMATION

I. Etiketten skal udformes i overensstemmelse med artikel 69 i biocidforordningen (Forordning (EU) nr. 528/2012), og CLP Forordningen[1].

II. Det er udelukkende ansøgers/godkendelsesindehaverens ansvar, at etiket, mærkning og pakning lever op til lovens krav, jf. biocidforordningen artikel 69.

Nedstående tekst i afsnit III er bidrag til overholdelsen af reglerne og således kun en del af de krav, som stilles til blandt andet etiketten.

III. Etiketten skal indeholde nedenstående oplysninger. Oplysninger i citationstegn skal angives ordret:

1) I hovedfeltet:

”Træbeskyttelsesmiddel (PT 8)

Må kun anvendes over jord til træbeskyttelse mod blåsplint og træødelæggende svamp. Må kun anvendes i brugsklasse 2 og 3 jf. DS/EN335-1.”

2) I advarselsfeltet:

”FARE

Kan skade det ufødte barn (H360D)

Skadelig for vandlevende organismer, med langvarige virkninger (H412).

Indhent særlige anvisninger før brug.

Undgå udledning til miljøet.

Bær beskyttelsestøj. Bær kemisk resistente beskyttelseshandsker ved brug af produktet.” Handskematerialet skal angives af godkendelsesindehaveren i produktdatabladet.

”Vask huden efter arbejdet.”

Overtrædelse af nedenstående særligt fremhævede forskrifter kan medføre straf:

Må kun anvendes over jord til træbeskyttelse mod blåsplint og træødelæggende svamp. Må kun anvendes i brugsklasse 2 og 3 jf. DS/EN335-1.

Må kun anvendes i doseringer på 80-160 ml/m² ved pensling, rullepåføring, manuel og automatiseret sprøjtning og dypning og flow-coat proces.

Produktet Teknol Aqua 1410-01 må tillige anvendes i den angivne dosering i fuldautomatiserede neddypningsprocesser, hvor alle trin i behandlings- og tørringsprocessen er mekaniserede, og ikke omfatter manuel håndtering, herunder når de behandlede artikler transporteres gennem dyppetanken til drænings-/tørringsområdet og lageret (hvis de ikke allerede er tørre på overfladen, inden de flyttes til lageret). Om nødvendigt skal de træartikler, der skal behandles, fastgøres helt (f.eks. med spændebånd eller fastspændingsanordninger) inden behandling og under neddypningsprocessen og må ikke håndteres manuelt, før overfladen på de behandlede artikler er tør.

Må ikke anvendes mod andre skadevoldere og ikke i højere doseringer end de i brugsanvisningen nævnte.

Må ikke anvendes til træværk, der kommer i direkte berøring med fødevarer og foderstoffer.

Behandlet træ må indendørs kun bruges til vinduesrammer og yderdøre.

Må ikke anvendes indendørs.

For at beskytte organismer, der lever i vand, må det behandlede træ ikke anvendes i eller i umiddelbar nærhed af vandmiljøet (vandløb, søer m.v.).

Det behandlede træ skal overfladebehandles, med for eksempel en maling. Overfladebehandlingen skal løbende vedligeholdes.

Nyligt behandlet træ skal efter behandlingen henstilles overdækket eller på et hårdt og uigennemtrængeligt underlag for at forebygge direkte spild til jord og vand.

Må ikke tømmes i kloakfløb.

Eventuelt spild skal opsamles til genbrug eller bortskaffelse.

Ovenstående indrammede angivelse skal være tydeligt anført på et faktaark eller lignende, der følger det behandlede træ.

Opbevares utilgængeligt for børn.

Opbevares under lås

Må ikke opbevares sammen med fødevarer, drikkevarer og foderstoffer.”

Farepiktogrammet GHS08

Miljøstyrelsen henleder opmærksomheden på, at godkendelsesindehaver skal anføre oplysninger om førstehjælp, herunder.

”Ved eksponering eller mistanke om eksponering: Søg lægehjælp.

Hvis der er brug for lægehjælp, medbring da beholderen eller etiketten.”

3) I deklarationsfeltet:

-
- a) Teksten "Træbeskyttelsesmiddel BPR-nr. 417-5. Aktivstofferne er godkendt efter biociddirektivet (98/8/EF). Midlet er godkendt efter Miljøministeriets bekendtgørelse om bekæmpelsesmidler".
- b) Oplysning om præparattype: "Væske" for dette præparat.
- c) Indholdet af aktivstofferne i vægtprocent og g/L ved 20°C.
- d) Sætningen: "Indeholder IPBC, propiconazol. Kan udløse en allergisk reaktion."
- e) Sidste holdbarhedsdato. Denne dato må højst være 18 måneder efter produktionsdatoen. Etikettens dato kan udformes som en henvisning til en produktionsdato andetsteds på emballagen.
- f) Batchnummer eller -betegnelse.
- g) Pakningsstørrelse i liter.
- 4) Brugsanvisningen skal rettes til efter bilag 4 til denne afgørelse og indeholde:
- a) Oplysninger om skadevoldere, anvendelsesområde og doseringer.
- b) Følgende sætninger på en fremtrædende plads i brugsanvisningen:
"Rester skal afleveres til den kommunale affaldsordning for farligt affald"
"Tom emballage bortskaffes i henhold til de kommunale affaldsregulativer".
- c) Der skal mærkes med sikkerhedssætning P501 "Indholdet/holderen bortskaffes i overensstemmelse med kommunale regler for affaldshåndtering".